

# Falcon

(Full-band, Modular, High-performance Mobile Tracker)



## Summary

iNext Falcon is an accurate mobile phone direction finder with active capabilities and supports 2G, 3G and 4G. It consists of the Vehicle Device and Portable Device.

Vehicle Device sets up multi BTS at the same time and force all nearby mobile phones and other cellular data devices to connect to it. Once the target device connected, it will continuously request the target device's location information. Other devices will be denied to access without affecting its normal communication.



Vehicle Device



Portable Device

Portable Device is responsible to locate the target accurately within 1 meter. It is easy to be carried and controlled with an Android phone via Bluetooth connection, which makes it covertly.

iNext Falcon could be used in various scenarios such as antidrug operations, counter-terrorist activities and criminal investigations. LEA can find the precise position of the criminal with the tracker efficiently.

## Features

### Environment Survey

Environment Survey for easily configuration

### IMSI Catcher

IMSI Catcher to detect surrounding cellphones

### Blacklist Function

Blacklist supporting concurrent multiple targets

### Positioning Function

Positioning Function supporting started/stopped manually and switching target

### Frequency Redirect

Frequency Redirect to specify 2/3/4G network

### GPS Trace

GPS Trace of targets and vehicle

## Highlights

### All Bands Supported and Customizable

iNext Falcon can detect and locate the handset supporting 2G/3G/4G network. And all bands are customizable according to customer requirements

### Long Range

Vehicle Device working range can be up to 1200m.

Portable Device working range reaches 700m.

### High Accuracy

Vehicle Device' s pinpoint accuracy can be up to 5 meters. Portable Device' s pinpoint accuracy can be up to 1 meter.

## Typical Scenarios

### *Crowded Complex Scenario*



Locked the targets in a very short time, find out the exact house which the targets hiding in.

### *Long Distance Scenario*



Locked the target in the distance, keeping the vehicle far from the target' s sight.

## Specifications

Item	Parameters
Network	GSM/WCDMA/FDD/TDD
Band	B1/B3/B5/B8/B40, customizable
Coverage	Vehicle Device: 1200m Portable Device: 700m
Accuracy	< 1m
Power Consumption	660W
Power Supply	AC 220V
Dimensions (D*W*H)	485*445*136 (3U standard chassis)
Weight	< 25kg



**iNext Co., Ltd.**

Address: F/8, Tower 5D, Software Industry Base, No. 14 Haitian Second Road, High-tech South Zone, Nanshan District, Shenzhen Customer Service E-mail: [support@inextflag.com](mailto:support@inextflag.com) Customer Service Tel: 0755-86656060

Zip Code: 518061 [www.iNextflag.com](http://www.iNextflag.com)